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This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 and 2 (canceled).

Claim 3 (previously presented): A multilayer positive temperature coefficient thermistor comprising:

a multilayer element main body including a plurality of stacked ceramic layers including a barium titanate semiconductor ceramic exhibiting a positive temperature characteristic of resistance and a plurality of internal electrodes including nickel, the internal electrodes being disposed at the interfaces of the ceramic layers; wherein the following conditions are satisfied:

$$5 \le X \le 18$$
; and

$$4 \le X \cdot Y \le 10$$
;

wherein X is a thickness expressed in μm of each ceramic layer between the internal electrodes and Y is a donor content expressed in percentage in the barium titanate semiconductor ceramic expressed in terms of (number of donor atoms/number of Ti atoms) × 100.

Claim 4 (previously presented): A method for designing a multilayer positive temperature coefficient thermistor comprising a multilayer element main body including a plurality of stacked ceramic layers including a barium titanate semiconductor ceramic exhibiting a positive temperature characteristic of resistance and a plurality of internal electrodes including nickel, the internal electrodes being disposed at the interfaces of the ceramic layers, the method comprising the steps of:

determining a thickness X expressed in μm of each ceramic layer so as to satisfy the condition $5 \le X \le 18$; and

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determining the donor content Y expressed in percentage in the barium titanate semiconductor ceramic according to the thickness X so as to satisfy the condition $4 \le X \cdot Y \le 10$, wherein the donor content Y is expressed in terms of (number of donor atoms/number of Ti atoms) × 100.